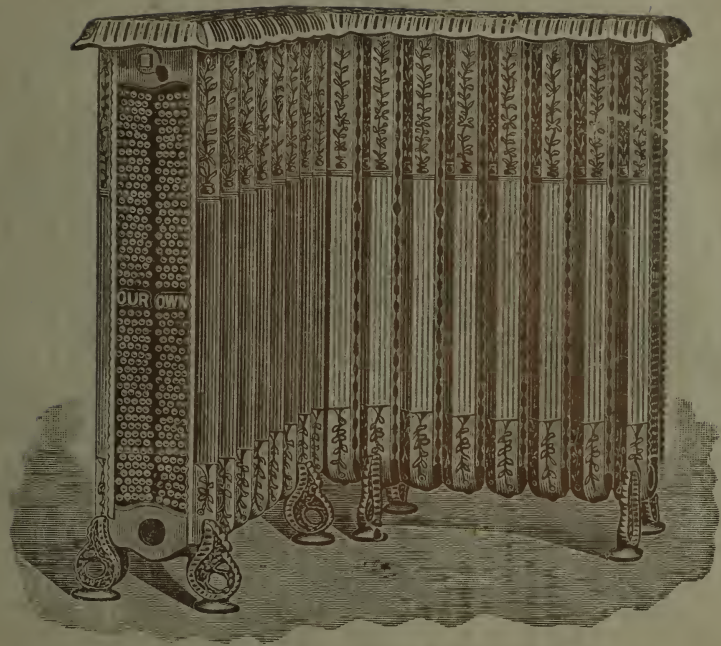


"OUR OWN."

"OUR OWN" RADIATOR.

FOR STEAM OR WATER.

MANUFACTURED ONLY BY

BROOMELL, SCHMIDT & CO., Limited,

YORK, PA.

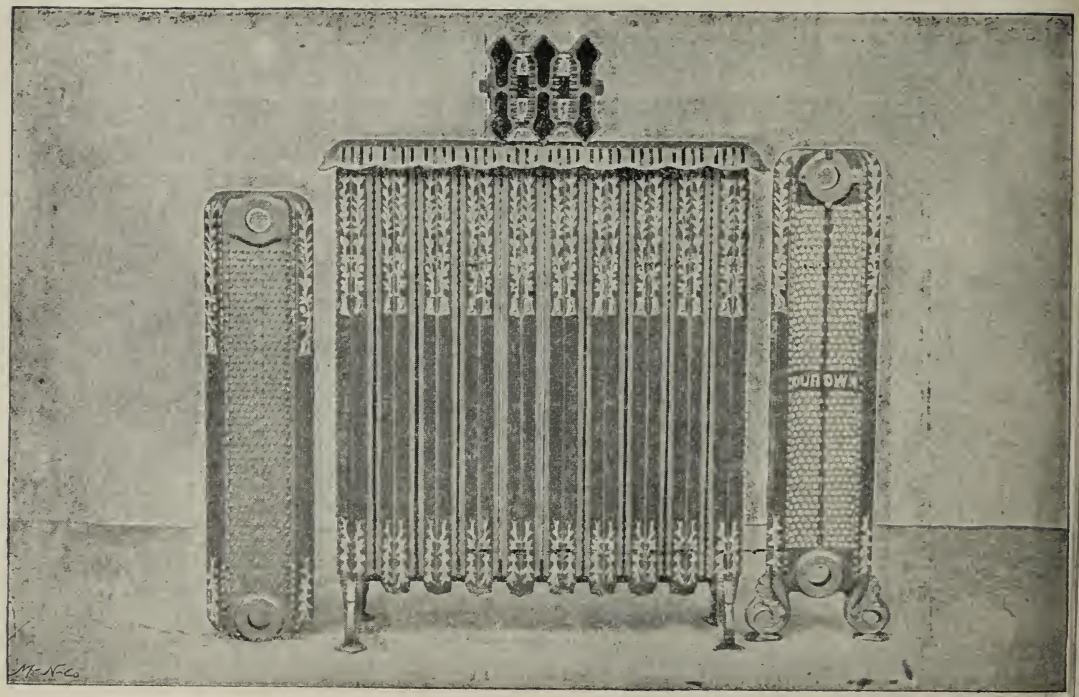
ALSO, MANUFACTURERS OF

"OUR OWN" SECTIONAL WATER HEATER.

"OUR OWN" HORIZONTAL STEAM BOILER.

THE "HEATENCOOK" RANGE,

AND OTHER SPECIALTIES.



View of Ten Loop Radiator, 37 in. high; also, Sectional View of Three Loops showing Gold Pins and Air Flue

"Our Own" Radiator.

WE OFFER for your consideration *"Our Own" Radiator*, for *Steam* or *Water Heating*, with full confidence that from even the following brief description of its merits you will be convinced that this radiator has some very important advantages over any other. We briefly note some of the points of its superiority in principle and construction.

The Flue Principle, with the flue surface augmented by *Gold Pins*, is used in the construction of "OUR OWN" radiator, and by this combination all of the advantages of a *Flue Radiator* and of the *Gold Pin* surface are secured.

HOT WATER RADIATORS A SPECIALTY.

"Our Own" Radiator.

VERY *large openings* at the bottom and top of the flues admit the cold air and discharge the heated air; in large quantities and with the greatest freedom. The cold air is drawn from the floor by the suction of the flues and rapidly discharned, at a high temperature at the top. In its passage through the flues, the column of cold air coming into contact with the pin surface is thoroughly disintegrated, thereby *abstracting from the surface of the radiator* the greatest possible amount of heat.

The *temperature and velocity* of the air when discharged, as proven by careful tests made by disinterested engineers, are most satisfactory.

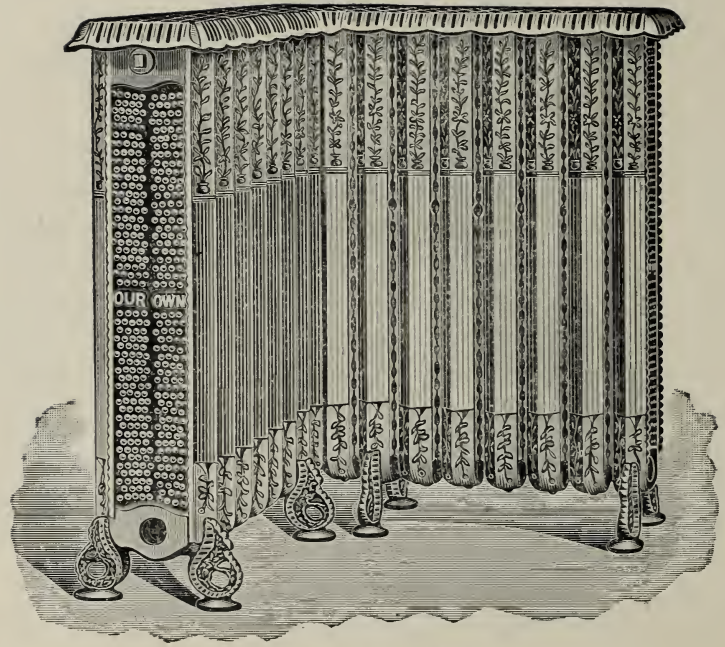
THE BEST IS ALWAYS THE CHEAPEST.

"Our Own" Radiator.

WITH 5 lbs. of steam the air when taken from the floor at 60 degrees is discharged at the top with a temperature of 195 to 205 degrees, and with a velocity exceeding that ever before obtained, to wit: over 200 ft. per minute.

Satisfactory and Economical results can only be obtained from radiators that have the power of transmitting a great portion of their heat to the air passing over them, and to obtaln the greatest efficiency, it is necessary that a large volume of air shall come in contact with the heated surface. *"Our Own" Radiator* possesses in an eminent degree the power to handle large volumes of air. The circulation being rapid and continuous, the result is a very effective and economical heater.

ALL RELIABLE FITTERS CAN SUPPLY "OUR OWN" RADIATORS.



"OUR OWN."

"Our Own" Radiator.

CORNER RADIATORS can very frequently be used to advantage and make a handsome appearance.

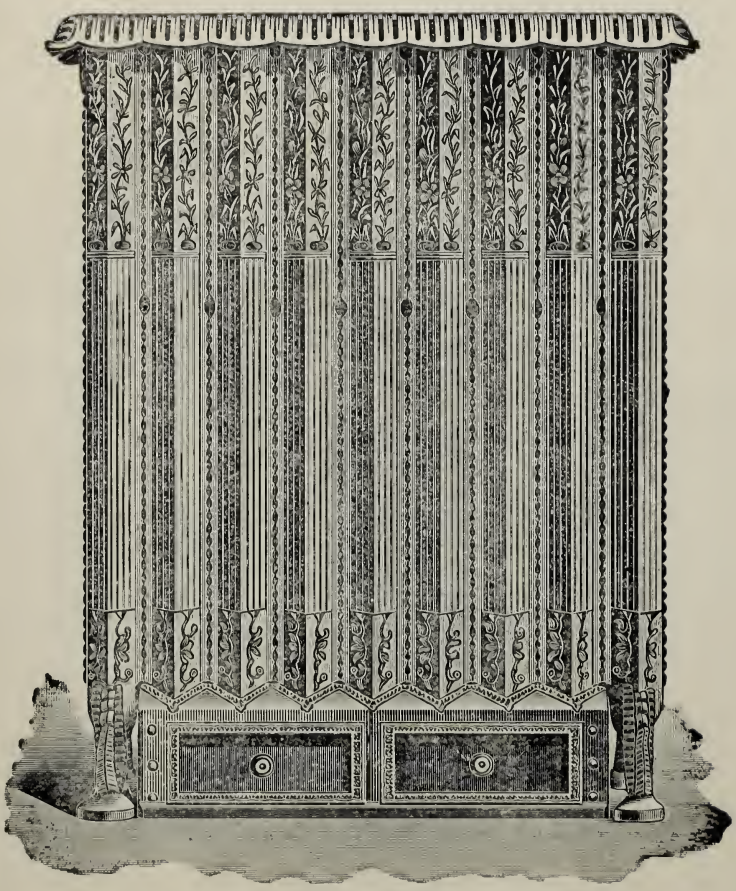
We make Corner radiators for steam or water, with any number of loops and in all heights.

Marble Slabs will be furnished for Corner radiators at reasonable prices.

Did you never see The "Heatencook" Range. *Send for Catalogue.*

BROOMELL, SCHMIDT & CO.,

YORK, PA.

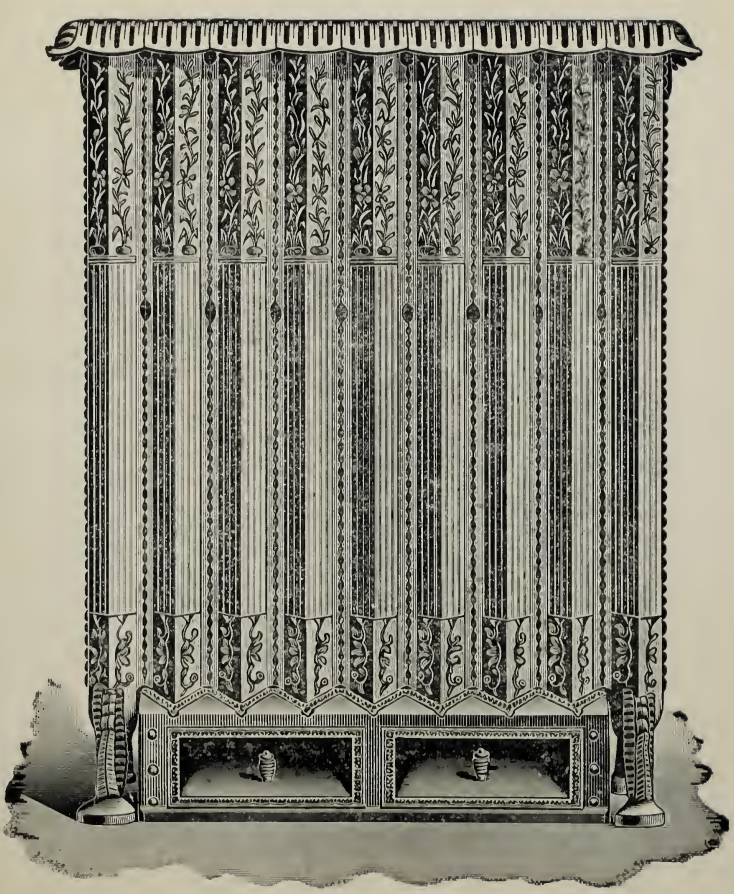


Box Base Ventilating Radiator.

"Our Own" Box Base Ventilating Radiator.

THE illustration on opposite page shows *"Our Own" Ventilating Radiator.* For Churches, Schools, Hospitals and other buildings requiring strong and positive ventilation this radiator is especially adapted. It can be used in buildings already erected in which no heat flues have been placed and is a better ventilator and heater than the regular pattern of Indirect Radiator. As shown in the cut air is being taken from the outside and discharged through the flues of radiator into the room. By *opening* the doors shown in Base the doors in the cold air inlet are *closed* and then the air of the room is circulated through the flues.

VENTILATION IS JUST AS NECESSARY AS HEAT.



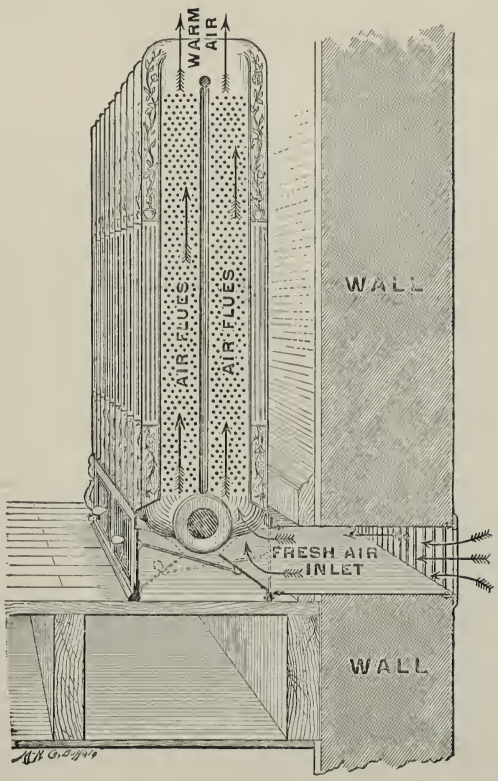
Box Base Ventilating Raditor.

"Our Own" Box Base Ventilating Radiator.

THE illustration on opposite page shows *Box Base Ventilating Radiator* with the cold air inlet closed and the radiator circulating the air in the room.

This very simple and efficient plan enables the radiator to be used as a *direct* radiator for warming the room quickly and for use at night when no ventilation is required. This radiator can be used to great advantage in tall office buildings and will effectively remove the cause of headaches and dullness which so frequently comes from over-heated and poorly ventilated offices. Architects and owners will consult their best interests by specifying *"Our Own" Ventilating Radiator.*

THERE IS NOTHING LIKE IT,



Sectional view of Ventilating Radiator.

"Our Own" Ventilating Radiator.

THE cut on page 12 illustrates the plan of setting and operating *"Our Own" Ventilating Radiator.*

The cold air inlet which is made from heavy galvanized iron is provided with a cast-iron grating at its outer end and is connected to a flange on the box base of the radiator.

The doors in box base are connected by a hinged rod and work together. If the cold air doors are wanted *shut* the inside door *should* be open and it is impossible to have both doors open at one time. When ordering Ventilating Radiators, if cold air boxes are wanted give the thickness of wall from outside to face of wash board.

New buildings should have proper openings made in wall to receive cold air boxes.

Special cold air inlet boxes and gratings will be made to order from architect's plans. Address all orders to

BROOMELL, SCHMIDT & CO., Limited,
YORK, PENN'A.

"Our Own" Radiator.

CAREFUL TESTS and experiments have proven that "*Our Own*" Radiator is constructed on *correct principles*, and that as heater it has no superior in the market. When making *comparative tests* with other radiators *42 ft.* of surface in "OUR OWN" proved to be equal (both in the amount of heated air discharged, and in the amount of water condensed) to *45 ft.* of surface in either a plain surface cast iron, or a vertical tube wrought iron radiator.

THE "HEATENCOOK" RANGE WILL HEAT THE HOUSE FROM THE KITCHEN FIRE BY HOT WATER. SEND FOR CATALOGUE.

"Our Own" Radiator.

THE SMALL SPACE required to obtain a given amount of heating surface is a decided advantage. This is particularly the case when radiators are used for *Hot Water heating* where the large radiators often used are a source of objection and complaint. *Each loop of the standard height 37 in. of "Our Own" radiator, contains 6 ft. of heating surface, which amount is guaranteed.*

No Packed Joints are used, and the loops being securely nippled together with heavy wrought iron nipples, metal to metal, will never give trouble by leaking joints.

HOT WATER RADIATORS A SPECIALTY.

"Our Own" Radiator.

ORNAMENTAL TOPS are furnished with all radiators without extra charge. No radiator presents a finished appearance without a top, which adds not only to its appearance, but to its utility. The *Ornamental Metal Tops* furnished with "OUR OWN" radiators are securely fastened on the radiators by button head screws, making a substantial and permanent arrangement very much to be preferred to the flimsy manner of attachment sometimes used.

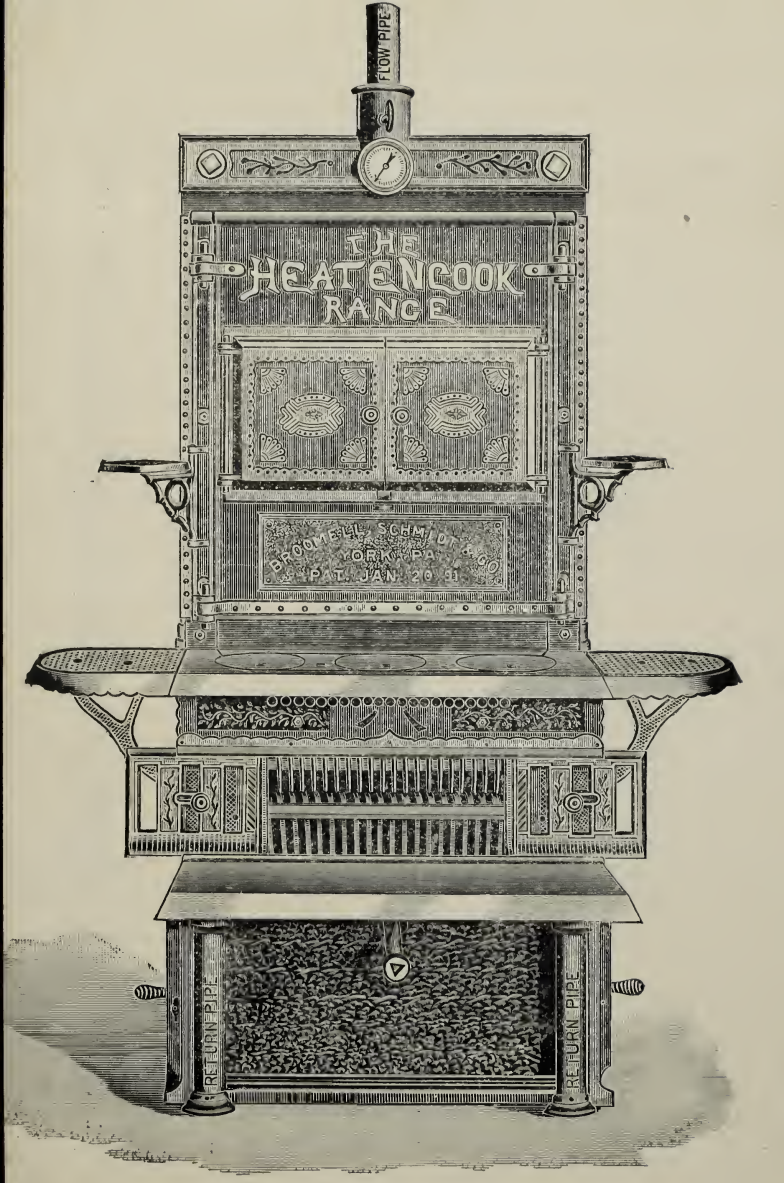
Marble Slabs will be furnished and fitted to radiators when ordered, at very reasonable figures. When Marble Tops are used, we furnish ornamental brackets to hold the slabs in position, and the arrangement is such that there is no danger of the slab being displaced.

PAY A FAIR PRICE AND DEMAND GOOD WORK.

"Our Own" Radiator.

THE ORNAMENTATION of the loops is of such a character and design as will commend it to the trade, being rich and effective yet not vulgarly striking. Our aim having been to construct a radiator which would combine in itself the utmost efficiency with the most tasteful and attractive appearance, we feel that from comparative tests made, and results achieved, we have attained the end desired.

SPECIFY "OUR OWN" RADIATOR, AND HAVE YOUR WORK PUT IN EARLY BY RELIABLE STEAM FITTERS.


FLOW PIPE
THE
HEATENCOOK
RANGE
PROMBEL SCHLOTT & CO
YORK PA
PAT. JAN 20 11
RETURN PIPE
RETURN PIPE

The "Heatencook" Range.

THE illustration on opposite page shows *The "Heatencook" Range.* It is a combine Heating and Cooking Range, which will heat houses of five to seven rooms by hot water from the kitchen fire. In addition the heating and cooking, this Range supplies all the hot water desired for Bath, Laundry and Kitchen work.

SEND FOR ILLUSTRATED CATALOGUE.

"OUR OWN" RADIATOR.

Table of Sizes, etc.

Number of Loops.	Length of Radiator.	Square Feet of Heating Surface.			
		42 inches high.	37 inches high.	31 inches high.	23 inches high.
3	9 idches.	22½	18	15	10½
4	12 "	30	24	20	14
5	15 "	37½	30	25	17½
6	18 "	45	36	30	21
7	21 "	52½	42	35	24½
8	24 "	60	48	40	28
9	27 "	67½	54	45	21½
10	30 "	75	60	50	34
11	33 "	82½	66	55	37½
12	36 "	90	72	60	41
13	39 "	97½	78	65	44½
14	42 "	105	84	70	48
15	45 "	112½	90	75	51½
16	48 "	120	96	80	54
17	51 "	127½	108	85	5 ½
18	54 "	130	108	90	61
19	57 "	137½	114	95	64½
20	60 "	145	120	100	68
21	63 "	152½	126	105	71½
22	66 "	160	132	110	74
23	69 "	167½	138	115	77½
24	73 "	175	144	125	81
25	75 "	182½	150	135	84½
26	78 "	190	153	135	88

Width of loops 8 inches. Width of feet 11 inches. Center of connections 5 inches above floor,